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BROOKS (W. A.) Treatise on the Improvement of the Navigation of Rivers ; with a new theory on the cause of the existence of bars. 8vo. <i>London</i> 1841.	The Author.
BROWNLOW (W.) A Treatise on the direct solution of Cubic Equations, comprehending the irreducible case. 12mo. <i>London</i> 1841.	The Author.
BUCHANAN (Rob.) Practical Essays on Mill-Work and other Machinery. Part II. revised by George Rennie, Esq., F.R.S. 8vo. <i>London</i> 1841.	G. Rennie, Esq., F.R.S.
BUCKLAND (W.) Address delivered at the Anniversary Meeting of the Geo- logical Society of London, on the 19th of February 1841. 8vo. <i>London</i>	The Author.
1841.	
BULLOCK (Fred.) A Letter to Capt. Beaufort, R.N., F.R.S., &c., descrip- tive of the Refuge Beacon, erected on the Goodwin Sands, accompanied with two lithographic drawings. 8vo. <i>London</i> 1842.	The Author.
BURT (T. S.) Narrative of a late Steam Voyage from England to India, <i>via</i> the Mediterranean. 8vo. <i>Calcutta</i> 1840.	The Author.
CHALLIS (Rev. Jas.) Astronomical Observations made at the Observatory at Cambridge, Vol. XII. 4to. <i>Cambridge</i> 1841.	The Author.
CHARLES (—) Nouvelle Solution du Problème de l'Attraction d'un ellip- soïde hétérogène sur un point extérieur. 4to. <i>Paris</i> 1840.	The Author.
CIVIALE (—) Traité Pratique sur les Maladies des Organes Génito-Uri- naires, 2 ^{me} et 3 ^{me} Parties. 8vo. <i>Paris</i> 1841.	The Author.
COSTA DE MACEDO (Joaquein José da.) Discurso na Sessão publica da Academia Real das Sciencias de Lisboa, 15 de Maio 1838. 4to. <i>Lisboa</i> 1838.	The Academy of Lisbon.
CREUZE (Augustin F. B.) Treatise on the Theory and Practice of Naval Architecture ; being the article Ship-Building in the Encyclopædia Bri- tanica. 7th edition. With 15 plates. 4to. <i>Edinburgh</i> 1841.	The Author.
CURTIS (J. H.) The present state of Aural Surgery ; being the substance of a Lecture delivered at the Royal Dispensary for Diseases of the Ear. 8vo. <i>London</i> 1841.	The Author.

PRESENTS.

DONORS.

DAVY (John.)	On the Quarantine Classification of Substances, with a view to the Prevention of Plague; from the Transactions of the Royal Society of Edinburgh, Vol. XV. Part II. 4to. <i>Edinburgh</i> 1842.	The Author.
DÉMIDOFF (M. Anatole.)	Voyage dans la Russie Méridionale et la Crimée, par la Hongrie, la Valachie, et la Moldavie, exécuté en 1837, sous la direction de M. Anatole de Démidoff. Livraison 6-8. Folio. <i>Paris</i> .	The Author.
DENDY (W. C.)	The Philosophy of Mystery. 8vo. <i>London</i> 1841.	The Author.
DENTON (J. Baily.)	Outline of a method of Model-mapping. 2nd edition. 8vo. <i>London</i> 1841.	The Author.
D'ETIOLLES (Leroy.)	Deuxième Lettre à l'Académie de Médecine sur la dissolution des Calculs Urinaires et leur traitement chimique. 8vo. <i>Paris</i> 1841.	The Author.
DIEN (Charles.)	Atlas des Phénomènes Célestes, 1 ^{re} année 1841. 2nd edition. 4to. <i>Paris</i> 1841.	The Author.
DOVE (H. W.)	Ueber die nicht periodischen Änderungen der Temperaturvertheilung auf der Oberfläche der Erde in dem Zeitraum von 1782 bis 1839. 4to. <i>Berlin</i> 1841.	The Author.
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	Mémoire sur les Terrains Triassique et Jurassique de la province de Luxembourg. 4to. <i>Bruxelles</i> 1841.	The Author.
DUPIN (Charles.)	Sur l'Importation des Céréales dans la Grande Bretagne. 8vo. <i>Paris</i> 1842.	The Author.
DURAN (J. A.)	Esquisse d'une théorie sur la Lumière, extraite du code des créations universelles expliquées par un principe unique, d'après le nouveau système établi. 8vo. <i>Bordeaux</i> 1841.	The Author.
	Code des Créations universelles et de la Vie des êtres. 8vo. <i>Bordeaux</i> 1841.	The Author.
DUTROCHET (-)	Recherches Physiques sur la force épipolique. 8vo. <i>Paris</i> 1842.	The Author.
ENCKE (J.F.)	Berliner Astronomisches Jahrbuch für 1843. 8vo. <i>Berlin</i> 1841. für 1844. 8vo. <i>Berlin</i> 1841.	The Author.
	Cartes Célestes publiées sous les auspices de l'Académie Royale des Sciences de Berlin; No. 17 et 19, avec les catalogues des étoiles. Folio. <i>Berlin</i> 1840.	_____
ESOP.	Esop's Fables, written in Chinese by the learned Mun Mooy Seen. Shang, by his pupil Sloth. 4to.	The Rev. D. Thom.
FLOURENS (P.)	Analyse Raisonnée des Travaux de Georges Cuvier, précédée de son Eloge Historique. 12mo. <i>Paris</i> 1841.	The Author.
FORBES (J. D.)	On the Theory and Construction of a Seismometer, or Instrument for measuring earthquake shocks and other concussions. 4to. <i>Edinburgh</i> 1841.	The Author.
FORSTER (T.)	Philozia; or moral reflections on the actual condition of the animal kingdom, and on the means of improving the same; with numerous anecdotes and illustrative notes. 8vo. <i>Brussels</i> 1839.	The Author.
	Observations on some curious and hitherto unnoticed abnormal affections of the organs of sense and intellect, and on other subjects of Physiology. 8vo. <i>Tunbridge Wells</i> 1841.	_____

PRESENTS.

DONORS.

FORSTER (T.) Illustrations of the atmospheric origin of Epidemic Diseases, and of its relation to their predisponent constitutional causes. 8vo. <i>Chelmsford</i> 1829.	The Author.
————— The Herschelian Telescope Song. a Sheet. 4to. <i>Tunbridge Wells</i> 1842.	—————
————— Pan, a pastoral of the first age, together with some other Poems. 8vo. <i>Brussels</i> 1840.	—————
FRANCIS (J. W.) A Discourse, delivered upon the opening of the New Hall of the New-York Lyceum of Natural History. 8vo. <i>New York</i> 1841.	The Author.
FRANCIS (G.) Dictionary of the Arts, Sciences, and Manufactures. 8vo. <i>London</i> 1842.	The Author.
FRYER (Michael.) An Introduction to the Geometrical Analysis of the Aients; interleaved with manuscript notes by the author, being his preparations for a new edition of the work. 8vo. <i>London</i> 1810.	James Orchard Halliwell, Esq., F.R.S.
GERBER (F. R.) Elements of the general and minute Anatomy of Man and the Mammalia, chiefly after original researches; to which are appended notes and an appendix, by Geo. Gulliver, Esq., F.R.S. (one vol. and an atlas.) 8vo. <i>London</i> 1842.	Geo. Gulliver, Esq., F.R.S.
GLENN (Jas.) The real nature of the electrical fluid, explained and illustrated by numerous facts, and also a cause assigned for the Polarity of the Magnet. 8vo. <i>Morrisville</i> 1840.	The Author.
GLIDDON (G. R.) An Appeal to the Antiquaries of Europe on the Destruction of the Monuments of Egypt. 8vo. <i>London</i> 1841.	The Author.
————— A Memoir on the Cotton of Egypt. 8vo. <i>London</i> 1841.	—————
GOULD (J.) The Birds of Australia, Parts IV.—VI. Folio. <i>London</i> 1832.	The Marquis of Northampton, Pres. of the R.S.
GODWIN (Geo., jun.) Pen and Pencil Sketches in Poitiers and Angouême, with some remarks on early architecture. 12mo. <i>London</i> .	The Author.
GRAHAM (T.) Elements of Chemistry, Part VI. 8vo. <i>London</i> 1842.	The Author.
GRANT (R. E.) On the present state of the Medical Profession in England. 8vo. <i>London</i> 1841.	The Council of the Medical Association.
GRANTHAM (John.) Iron as a Material for Ship-building; being a communication to the Polytechnic Society of Liverpool. 8vo. <i>London</i> 1842.	Mr. Weale.
GRAVES (Charles.) Two Geometrical Memoirs on the general properties of Cones of the second degree and on the spherical Conics, by M. Chasles, translated from the French, with notes and additions, and an Appendix on the application of analysis to Spherical Geometry. 8vo. <i>Dublin</i> 1841.	The Author.
GREGORY (W.) Letter to the Rt. Hon. George, Earl of Aberdeen, K.T., &c., &c., on the state of the Schools of Chemistry in the United Kingdom. 8vo. <i>London</i> 1842.	The Author.
GROVE (W. R.) A Lecture on the Progress of Physical Science since the opening of the London Institution. 8vo. <i>London</i> 1842.	The Author.
GULLIVER (G.) A Catalogue of Plants collected in the neighbourhood of Banbury. 12mo. <i>London</i> 1841.	The Author.
HALLIWELL (J. O.) On the Character of Sir John Falstaff, as originally exhibited by Shakspeare, in the two parts of King Henry IV. 12mo. <i>London</i> 1841.	The Author.

PRESENTS.

DONORS.

HALLIWELL (J. O.) An Account of the European Manuscripts in the Chetham Library, Manchester. 12mo. *Manchester* 1842. Jas. Heywood, Esq., F.R.S.

— The Manuscript Rarities of the University of Cambridge. 8vo. *London* 1841. The Author.

HASSLER (F. R.) Report, showing the Progress made in the Coast Survey up to 3rd January 1842. 8vo. 1842. The Author.

HAUSMANN (J. F. Ludw.) Versuche zur Bestimmung der Elasticität und Festigkeit verschiedener Stabeisensoren. 8vo. *Hanover*. The Author.

— Commentatio de usu experientiarum metallurgicarum ad disquisitiones geologicas adjuvandas. 4to. *Gottingæ* 1838.

HENDERSON (Thomas.) Astronomical Observations made at the Royal Observatory, Edinburgh. Vol. IV. for 1838. 4to. *Edinburgh* 1841. Her Majesty's Government.

HERSCHEL (J. F. W.) On the Advantages to be attained by a revision and re-arrangement of the Constellations, with especial reference to those of the Southern Hemisphere, and on the principles upon which such re-arrangement ought to be conducted. (from the Royal Astronomical Society's Memoirs, Vol. XII.) 4to. *London* 1841. The Author.

'OMHPOY ΦΙΑΙΑΣ. Litera Digamma restituta : ad metri leges redegit et notatione brevi illustravit Thomas Shaw Brandreth, F.R.S., 2 vol. 8vo. *London* 1841. The Editor.

HOPKINS (W.) Theoretical Investigations on the Motion of Glaciers. (for private circulation.) 8vo. *Cambridge* 1842. The Author.

HORNER (W. E.) and HAYS (Isaac.) Description of an entire Head and various other Bones of the Mastodon. 4to. 1840. The Authors.

HOWARD (Luke.) A Cycle of eighteen years in the Seasons of Britain ; deduced from Meteorological Observations made at Ackworth, in the west riding of Yorkshire, from 1824 to 1841. 8vo. *London* 1842. The Author.

HUMBOLDT (A. von) On two attempts to ascend Chimborazo ; translated from the German by Dr. Martin Barry, F.R.S. (two copies.) 8vo. *Edinburgh* 1837. The Translator.

INSTRUMENT.

A Cephaloscope, invented by Mr. J. Harrison Curtis. The Inventor.

JOHNSON (Cuth. W.) An Account of the Application of Gypsum as a Manure to the artificial Grasses, a prize essay. 8vo. *London* 1841. The Author.

JOHNSTON (Jas. F. W.) Elements of Agricultural Chemistry and Geology. 12mo. *Edinb.* and *Lond.* 1842. The Author.

— Lectures on Agricultural Chemistry and Geology, Part I. 8vo. *London* 1841. The Author.

JOURNALS.

Annales des Mines, Tome XVII., XVIII. et XIX. 3^{me} série. 8vo. *Paris* 1840-41. Ecole des Mines.

Annals of Electricity, Magnetism, and Chemistry ; and Guardian of Experimental Science ; conducted by William Sturgeon, M.S.A., from May 1841 to June 1842 inclusive. 8vo. *London* 1841. The Editor.

Annuaire du Journal des Mines de Russie ; pour 1835, 1836, 1837 et 1838, avec un volume d'Introduction et Tableaux Statistiques. 5 vols. 8vo. *St. Petersburg* 1840. The Russian Government.

The "Astronomische Nachrichten," Vol. XVIII. and Nos. 433 to 446. edited by H. C. Schumacher, For. Memb. R.S. 4to. *Altona* 1841. The Editor.

JOURNALS (*continued*).

British and Foreign Medical Review, or Quarterly Journal of Practical Medicine and Surgery, No. 26 and 27; edited by John Forbes, M.D., F.R.S. 8vo. <i>London</i> 1842.	The Editor.
Giornale per servire ai progressi della Patologia e della Therapeutica. fasc. 40. 8vo. <i>Venezia</i> 1840.	Dr. Namias.
L'Institut, Journal Universel des Sciences. 2 ^{me} section. No. 75, pour Mars 1842. Folio. <i>Paris</i> 1842.	The Editor.
Journal of the Asiatic Society of Bengal; Nos. 21–33. New Series. 8vo. <i>Calcutta</i> 1840 and 1841.	The Society.
Lady's and Gentleman's Scientifical Repository for 1783. 8vo. <i>Newark</i> 1783.	James Orchard Halliwell, Esq., F.R.S.
London, Edinburgh and Dublin Philosophical Magazine, July 1841 to June 1842 inclusive. 8vo. <i>London</i> .	R. Taylor, Esq.
Microscopic Journal and Structural Record, edited by Daniel Cooper, Esq., from July 1841 to July 1842. 8vo. <i>London</i> 1842.	The Editor.
Nautical Magazine, July 1841 to June 1842 inclusive. 8vo. <i>London</i> .	The Editor.
Quarterly Journal of Meteorology and Physical Science, No. 1 and 2. 8vo. <i>London</i> 1842.	The Editor.
Repertory of Patent Inventions, July 1841 to June 1842. 8vo. <i>London</i> .	The Editor.
Tijdschrift voor natuurlijke Geschiedenis en Physiologie door J. v. d. Hoeven en W. H. de Vriese, Vol. VIII. p. 2–4 and Vol. IX. Part I. 8vo. <i>Leiden</i> 1841–42.	The Editors.
United Service Journal from July 1841 to June 1842 inclusive. 8vo. <i>London</i> 1842.	The Editor.
KOPPS (J.) et MIGUEL (F. A. W.) Flora Batava, No. 122. 4to. <i>Amsterdam</i> .	H.M. the King of the Netherlands.
KUPFFER (A. T.) Travaux de la Commission pour fixer les Mesures et les Poids de l'Empire de Russie, Tome 1 ^{re} et 2 ^{me} , avec des Planches en Folio. 4to. <i>St. Petersbourg</i> 1841.	The Imperial Academy.
Annuaire Magnétique et Météorologique, pour année 1839. 4to. <i>St. Petersbourg</i> 1841.	Le Comte de Cancrine.
LA GRANGE (—) Méchanique Analytique. (1st edition.) 4to. <i>Paris</i> 1788.	S. Hunter Christie, Esq., M.A., Sec. R.S.
LAMONT (J.) Ueber das Magnetische Observatorium der Königl. Sternwarte bei München. 4to. <i>München</i> 1841.	The Author.
LARREY (Le Baron) Relation Médicale de Campagnes et Voyages de 1815 à 1840. 8vo. <i>Paris</i> 1841.	The Author.
Notice sur l'Efficacité du Moxa et sur les Inconvénients du Galvanisme dans certaines névroses ou affections paralytiques. 4to. <i>Paris</i> 1840.	The Author.
LAWSON (H.) Meteorological Journal kept at Hereford, for 1841. 8vo. <i>Hereford</i> 1841.	The Author.
LEES (J. C.) Meteorological Journal for 1840, kept at Nassau, New Providence, lat. 25 N., lon. 77 W. Folio. <i>Bahamas</i> .	Sir John F. W. Herschel, Bart., F.R.S.
LITTRROW (J.) und MAYER (Lambert.) Annalen der K. K. Sternwarte in Wien. 12 Theil. Folio. <i>Wien</i> 1832.	The Author.
LLOYD (Humph.) Account of the Magnetical Observatory of Dublin and of	The Author.

PRESENTS.

DONORS.

the Instruments and Methods of Observations employed there. 4to. *Dublin* 1842.

LONGO (Agatino.) *Elementi di Filosofia Naturale.* 8vo. *Napoli* 1841.

The Author.

LOUYET (M.) *Notice sur un nouveau mode de orage des Métaux, par voie humide et courant voltaïque.* 8vo. *Bruxelles*.

The Author.

LOUYET (P.) *Mémoire sur l'absorption des Poisons Métalliques par les Plantes.* 12mo. *Bruxelles* 1841.

The Author.

MANUSCRIPT.

Tidal Observations at Liverpool in 1834, exhibiting the instant of high and low water-periods; the whole vertical range throughout springs and neaps, and the detecting the half-tide level at the 3rd hour before and after each high water; by Captain Henry Mangles Denham, R.N., F.R.S., &c. (MS.) Folio.

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The Publisher.

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The Publisher.

Ordnance Map in continuation of the Trigonometrical Survey of Great Britain; Sheets Nos. 77, 78, and 87. Folio Sheets.

The Master-General of the
Ordnance.

MENABREA (L. F.) *Calcul de la Densité de la Terre suivi d'un mémoire sur un cas spécial du mouvement d'un pendule.* (From the Memoirs of the Turin Academy, Vol. II. Second Series.) 4to. *Turin*.

The Author.

MODEL.

Model intended to represent the double Spiral constituting "Fibre," and more particularly the muscular "Fibril" as described in a paper read before the Royal Society, 16th December 1841; by Dr. Martin Barry, F.R.S.

Dr. Martin Barry, F.R.S.

MOOR (Edw.) Bealings Bells. An Account of the mysterious ringing of bells at Great Bealings, Suffolk, in 1834, and in other parts of England. 12mo. *Woodbridge* 1841.

The Author.

MOUNTAINE (Dydymus.) The Gardener's Labyrinth; printed in black letter in the year 1578, containing an autograph of R. Farmer. 4to. *London* 1578.

S. Hunter Christie, Esq.,
Sec. Royal Society.

MUDGE (W.) and FRAZER (G. Alex.) Sailing Directions from the North-East, North, and North-West Coasts of Ireland. 8vo. *London* 1842.

The Lords Commissioners
of the Admiralty.

MURCHISON (R. I.) Address delivered at the Anniversary Meeting of the Geological Society of London, 18th February 1842. 8vo. *London* 1842.

The Author.

Address delivered on the first meeting of the Dudley and Midland Geological Society, January 17, 1842. 8vo. *London* 1842.

—

NEWMAN (F. W.) The difficulties of Elementary Geometry, especially those which concern the straight line, the plane, and the theory of parallels. 8vo. *London* 1841.

The Author, through the
Rev. B. Powell, M.A.,
F.R.S.

PRESENTS.

DONORS.

NOAD (H. M.) Six Lectures on Chemistry ; including its applications in the Arts. 8vo. <i>London</i> .	The Author, through John Tho. Mayne, Esq., F.R.S.
OHM (Martin.) Der Geist der Mathematischen Analysis und ihr Verhältniss zur Schule. Erste Abhandlung. 8vo. <i>Berlin</i> 1842.	The Author.
PARAVEY (—) Mémoire sur l'Origine Japonaise, Arabe et Basque, de la civilisation des Peuples du Plateau de Bogota, d'après les travaux récents de MM. de Humboldt et Siebold. 8vo. <i>Paris</i> 1835.	The Author.
PASCH (G. E.) Arsberättelse om Technologiens Framsteg, 1839. 8vo. <i>Stockholm</i> 1840.	The Academy of Sciences of Sweden.
PASQUIER (Victor.) Monographie du Madi Cultivé, <i>Madia Sativa</i> . 8vo. <i>Liège</i> 1841.	The Author.
PETTIGREW (Thos. Jos.) Encyclopædia Ægyptiaca, or Dictionary of Egyptian Antiquities, No. 1. 8vo. <i>London</i> 1842.	The Author.
PEZZONI (Antoine.) Lettre première à Mons. le Docteur John Davy, Inspecteur-Général des Hôpitaux Militaires de la Grande Bretagne, Membre de la Société Royale de Londres, etc., etc. au sujet des accidents de peste survenus tant au Lazaret de Koulély qu'à l'île de Proti à la suite du navire Ottoman contaminé commandé par le Capitaine Yazidji-Oglou Méhémet, provenant d'Alexandrie d'Egypte et arrivé dans cette capitale, le 8 Juin 1841, et des trois autres navires venus du même port quelques jours après. 8vo. <i>Constantinople</i> 1841.	The Author.
PHILLIPS (John.) Figures and Descriptions of the Palæozoic Fossils of Cornwall, Devon, and West Somerset ; observed in the course of the Ordnance Geological Survey of that District. 8vo. <i>London</i> 1841.	The Author.
PICTET (F. J.) Histoire Naturelle générale et particulière des Insectes Neuroptères ; première monographie, famille des Perlides. livraisons 1-7. 8vo. <i>Paris</i> 1841.	The Author.
PLANA (J.) Mémoire sur différens Procédés d'Intégration, par lesquels on obtient l'attraction d'un ellipsoïde homogène dont les trois axes sont inégaux, sur un point extérieur. (Extrait du Journal des Mathématiques de M. Crelle, Tome XX.) 4to. <i>Turin</i> 1838.	The Author.
————— Note, où l'on explique une remarquable objection faite par Euler en 1751, contre une règle donnée par Newton dans son arithmétique universelle, pour extraire la racine d'un binôme réel de la forme $\sqrt{a} \pm \sqrt{b}$, quelque soit le degré impair de la racine demandée, si toutefois elle est possible. (Extrait du Journal des Mathématiques de M. Crelle, Tome XVII.) 4to. <i>Turin</i> 1836.	The Author.
POCOCK (Lewis.) A familiar explanation of the nature, advantages, and importance of Assurances upon Lives, &c. 8vo. <i>London</i> 1842.	The Author.
————— A Chronological List of Books and Pamphlets relating to the doctrine of chances and the rate of mortality, annuities, reversions, marine and fire insurances and life-assurance. 8vo. <i>London</i> 1842.	—————
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Annual Reports of the Poor-Law Commissioners from 1836 to 1841. 8vo. <i>London</i> 1836-41.	Edwin Chadwick, Esq., Secretary to the Poor-Law Commissioners.
Report of the Poor-Law Commissioners for 1833 and 1834 ; on the Administration and Practical Operation of the Poor-Laws. 8vo. <i>London</i> 1834.	—————

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POOR-LAW (*continued*).

Report on the further amendment of the same for December 1839. 8vo. <i>London</i> 1840.	Edwin Chadwick, Esq., Secretary to the Poor-Law Commissioners.
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Three Reports on the Poor-Law of Ireland; by George Nicholls, Esq. 8vo. <i>London</i> 1838.	_____
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An Act for the more effectual relief of the Destitute Poor in Ireland, with notes, &c., passed 31st July, 1838. 12mo. <i>London</i> 1839.	_____
PORTAL (Placido.) Storia di due casi d'Allacciatura d'Arterie, una alla f-morale, l'altra all'iliaca esterna. 12mo. <i>Napoli</i> 1839.	The Author.
POWELL (Baden.) A general and elementary view of the Undulatory Theory, as applied to the dispersion of Light, and some other subjects. 8vo. <i>London</i> 1841.	The Author.
PRITCHARD (Andrew.) A list of two thousand microscopic objects; with remarks on the circulation in animals and plants, the method of viewing crystals by polarized light, &c. 2nd edition. 12mo. <i>London</i> 1842.	The Author.
QUETELET (A.) Annuaire de l'Observatoire Royal de Bruxelles, pour l'année 1842. 12mo. <i>Bruxelles</i> 1841.	The Author.
Instructions pour l'Observation des Phénomènes périodiques. (Extrait du Tome IX. No. 1, des Bulletins de l'Académie Royale de Bruxelles.) 8vo. <i>Bruxelles</i> 1842.	_____
Magnétisme Terrestre. (Extrait du Tome VIII. No. 9, des Bulletins.) 8vo. <i>Bruxelles</i> 1841.	_____
Météorologie. 8vo. <i>Bruxelles</i> .	_____
Nouveau Catalogue des Principales Apparitions d'Etoiles Filantes. 4to. <i>Bruxelles</i> 1841.	_____
Observations Magnétiques, faites, d'après la demande de la Société Royale de Londres, à Bruxelles, à Munich, et sur le Hohen-Peissenberg. 8vo. <i>Bruxelles</i> 1841.	_____
Phénomènes périodiques du Règne Végétal. 8vo. <i>Bruxelles</i> 1842.	_____
Physique du Globe. 8vo. <i>Brussels</i> 1841.	_____
Rapport Décennal des Travaux de l'Académie Royale des Sciences et Belles-Lettres de Bruxelles depuis 1830. 8vo. <i>Brussels</i> 1840.	_____
Rapport sur les Travaux de l'Académie Royale des Sciences et Belles-Lettres de Bruxelles. 8vo. <i>Bruxelles</i> .	_____
Résumé des Observations sur la Météorologie, sur le Magnetisme, et sur les Températures de la Terre. 4to. <i>Bruxelles</i> 1841.	_____
RAU (—) Economie Politique. Extraits de deux Lettres au sujet de l'application des théories mathématiques à la solution de quelques problèmes d'économie politique. 8vo. <i>Bruxelles</i> 1842.	_____
RECORD COMMISSION. Ancient Laws and Institutes of Wales; to which are added a few Latin transcripts, with indexes and glossary. Printed by command of His late Majesty King William IV. Folio. <i>London</i> 1841.	The Commissioners of Public Records.

PRESENTS.

DONORS.

REDFORD (W. C.) Observations on the Storm of Dec. 15, 1839. 4to. 1841. The Author.
REPORTS.

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